

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087061.D
 Acq On : 15 May 2016 11:07
 Operator : UM/SJ
 Sample : H3052-12
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.735	11	13	49	rVB	3737209	7200888	100.00%	17.155%
2	4.741	274	276	284	rBV	161601	322516	4.48%	0.768%
3	5.199	315	316	328	rBV	1041940	1700847	23.62%	4.052%
4	6.284	409	411	417	rBV	922334	1109202	15.40%	2.642%
5	6.387	417	420	425	rVB	2979258	2932629	40.73%	6.986%
6	6.604	437	439	446	rVB	724454	918033	12.75%	2.187%
7	6.765	451	453	456	rBV	2795184	2475631	34.38%	5.898%
8	6.959	467	470	472	rBV2	42408	74754	1.04%	0.178%
9	7.130	483	485	488	rBV3	44136	97181	1.35%	0.232%
10	7.187	488	490	492	rVV	2498152	2540266	35.28%	6.052%
11	7.267	494	497	498	rVV2	53892	111392	1.55%	0.265%
12	7.302	498	500	502	rVV	125574	127615	1.77%	0.304%
13	7.393	504	508	509	rVV2	267030	324702	4.51%	0.774%
14	7.416	509	510	513	rVB3	54913	74235	1.03%	0.177%
15	7.553	519	522	526	rBV4	56280	121943	1.69%	0.291%
16	7.713	534	536	540	rBV5	43231	86467	1.20%	0.206%
17	7.770	540	541	545	rVB2	71285	78667	1.09%	0.187%
18	7.839	545	547	550	rBV4	79815	160914	2.23%	0.383%
19	7.896	550	552	557	rBV	1164446	1343630	18.66%	3.201%
20	8.033	562	564	565	rBV	59996	108924	1.51%	0.259%
21	8.090	567	569	571	rBV2	69070	115106	1.60%	0.274%
22	8.148	572	574	575	rVB	95894	109202	1.52%	0.260%
23	8.193	575	578	580	rBV4	38843	85170	1.18%	0.203%
24	8.273	582	585	588	rBV4	122601	325021	4.51%	0.774%
25	8.330	588	590	593	rBV2	161768	265962	3.69%	0.634%
26	8.468	600	602	604	rBV2	150986	235148	3.27%	0.560%
27	8.502	604	605	608	rVB2	70345	131722	1.83%	0.314%
28	8.559	608	610	612	rBV2	110319	209615	2.91%	0.499%
29	8.593	612	613	617	rVV3	135410	173645	2.41%	0.414%
30	8.673	617	620	621	rVV3	153649	332414	4.62%	0.792%
31	8.719	622	624	626	rVV3	199003	367870	5.11%	0.876%
32	8.788	628	630	632	rVV2	257535	295010	4.10%	0.703%
33	8.856	635	636	637	rVV	88252	103968	1.44%	0.248%
34	8.925	640	642	644	rVV2	298379	449273	6.24%	1.070%

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Stop Thrs : 0 Peak Location: TOP

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35	8.982	644	647	648	rVV	3774752	3764124	52.27%	8.967%
36	9.005	648	649	651	rVB	387020	269759	3.75%	0.643%
37	9.073	653	655	656	rBV	85660	78821	1.09%	0.188%
38	9.108	656	658	660	rBV2	149756	296805	4.12%	0.707%
39	9.165	660	663	665	rVB4	139837	253018	3.51%	0.603%
40	9.210	665	667	669	rBV2	79319	148268	2.06%	0.353%
41	9.245	669	670	671	rBV	104421	110278	1.53%	0.263%
42	9.302	674	675	678	rBV3	170438	328856	4.57%	0.783%
43	9.348	678	679	680	rVB	197735	135646	1.88%	0.323%
44	9.382	680	682	683	rBV	329367	307796	4.27%	0.733%
45	9.508	692	693	699	rVB3	258768	493793	6.86%	1.176%
46	9.599	699	701	702	rBV2	179795	292619	4.06%	0.697%
47	9.645	703	705	707	rVB	1159920	1148467	15.95%	2.736%
48	9.851	722	723	725	rVB	148921	122568	1.70%	0.292%
49	9.965	731	733	734	rBV	240260	298010	4.14%	0.710%
50	10.011	736	737	739	rVV2	446176	485034	6.74%	1.155%
51	10.079	741	743	745	rVB3	204860	343568	4.77%	0.818%
52	10.399	769	771	772	rBV2	201362	312200	4.34%	0.744%
53	10.433	772	774	777	rVB2	1502110	1984168	27.55%	4.727%
54	10.571	783	786	788	rBV2	148609	303058	4.21%	0.722%
55	11.119	832	834	836	rBV	663102	881226	12.24%	2.099%
56	11.679	881	883	887	rBV3	161068	337380	4.69%	0.804%
57	12.457	949	951	953	rBV	99978	104701	1.45%	0.249%
58	12.708	971	973	976	rBV	2688914	2451723	34.05%	5.841%
59	13.622	1051	1053	1057	rVB	54638	76791	1.07%	0.183%
60	13.748	1062	1064	1067	rBV	720352	750042	10.42%	1.787%
61	15.108	1181	1183	1186	rBV	624400	788051	10.94%	1.877%

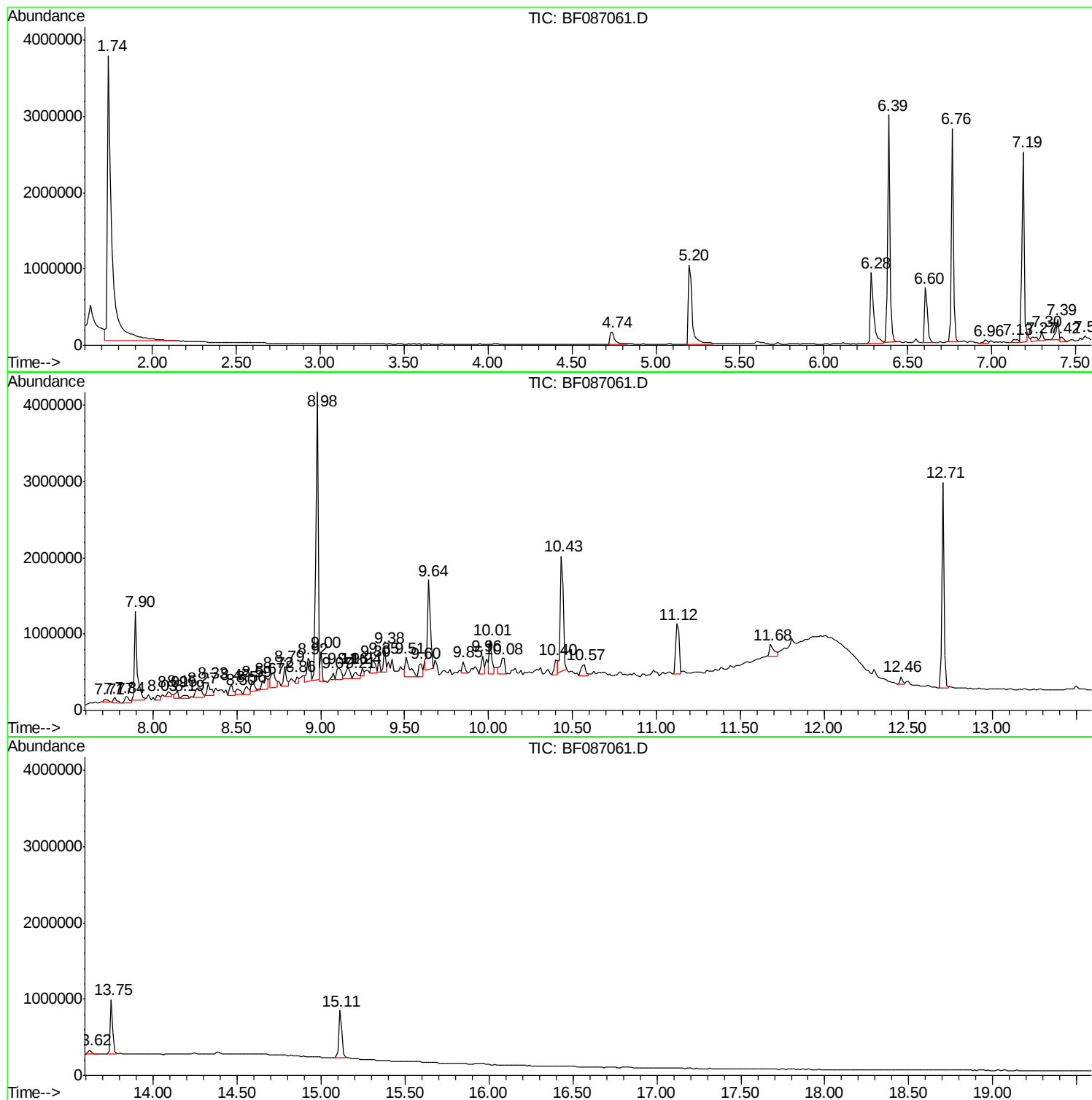
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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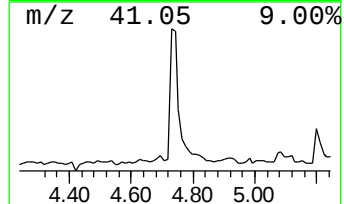
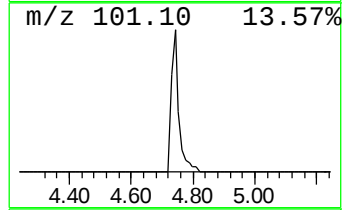
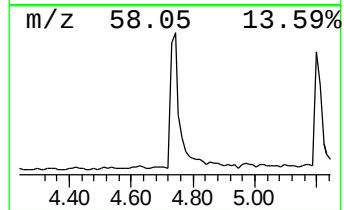
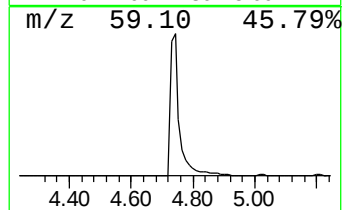
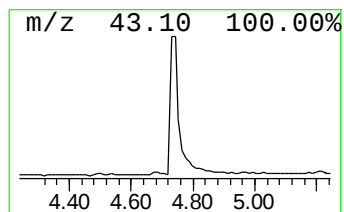
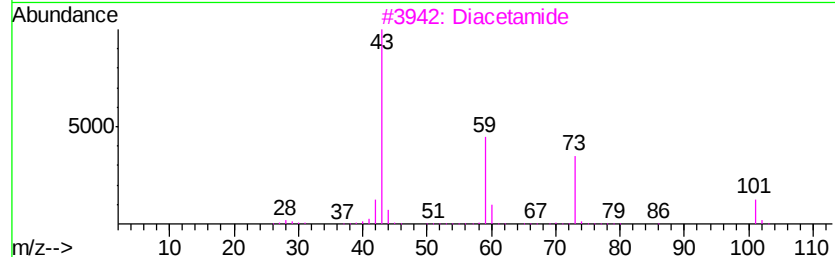
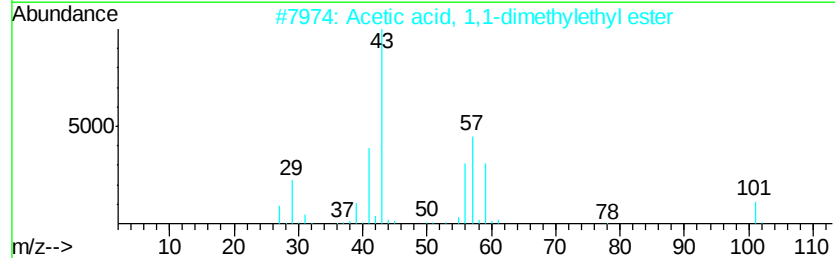
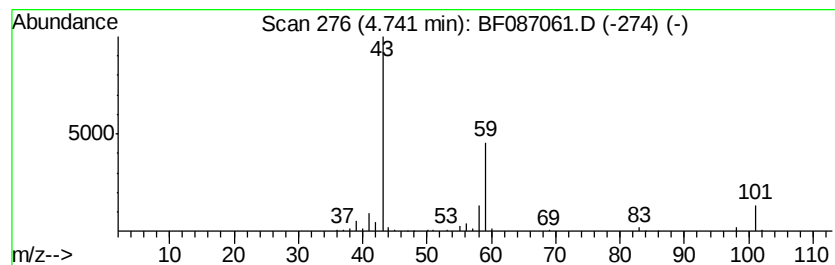
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	7.03 ng	322516	1,4-Dichlorobenzene-d4	6.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3			Diacetamide	101	C4H7NO2	000625-77-4	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			2-Pentanone	86	C5H10O	000107-87-9	9



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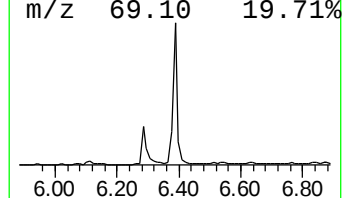
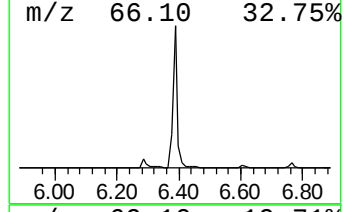
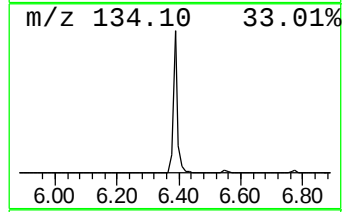
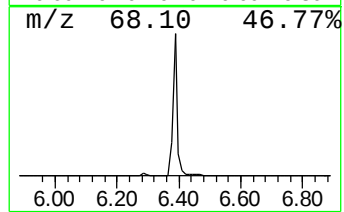
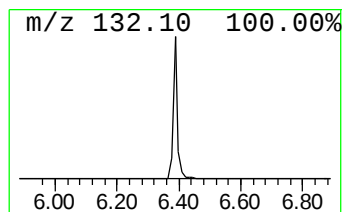
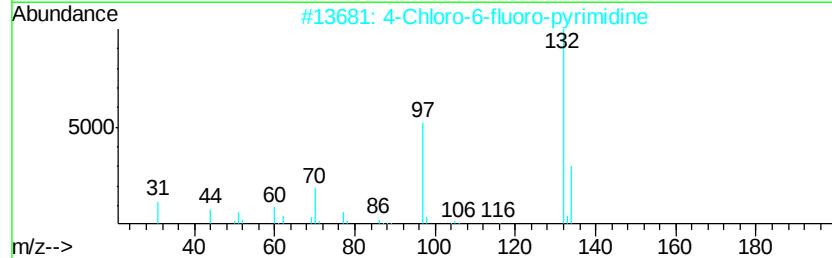
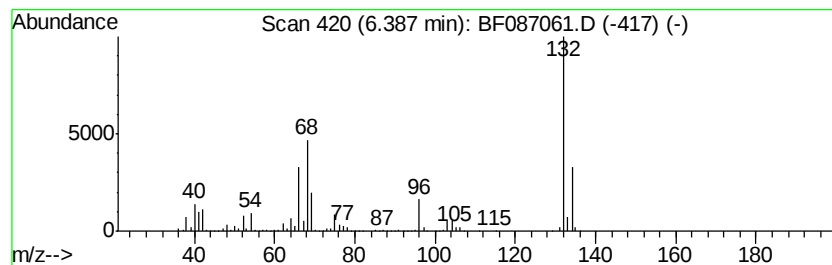
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	63.89 ng	2932630	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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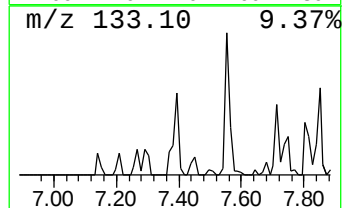
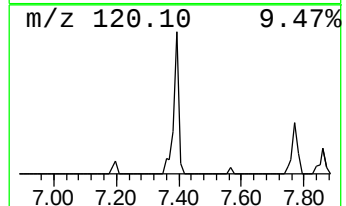
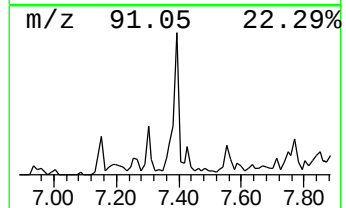
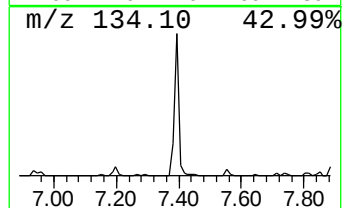
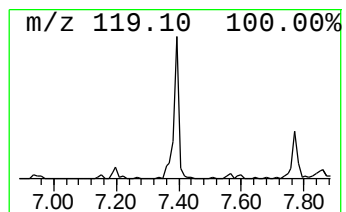
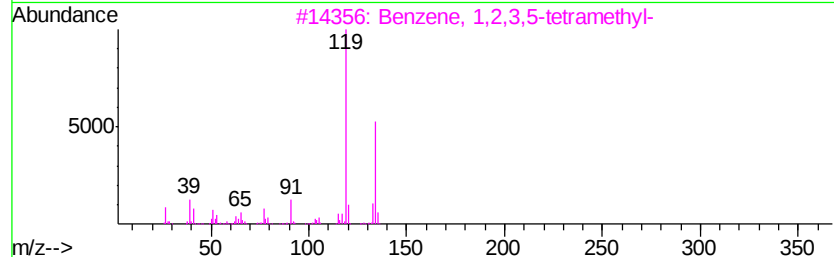
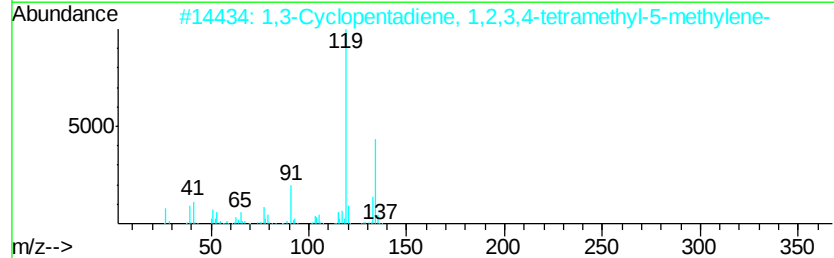
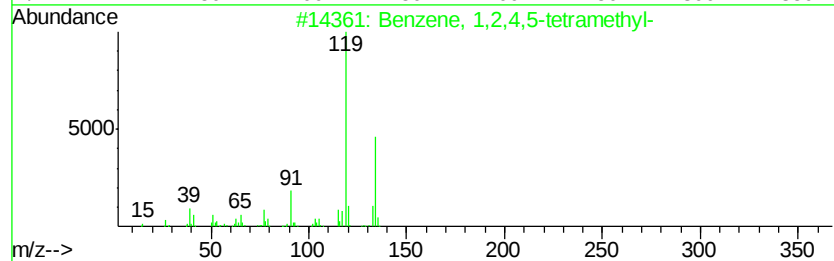
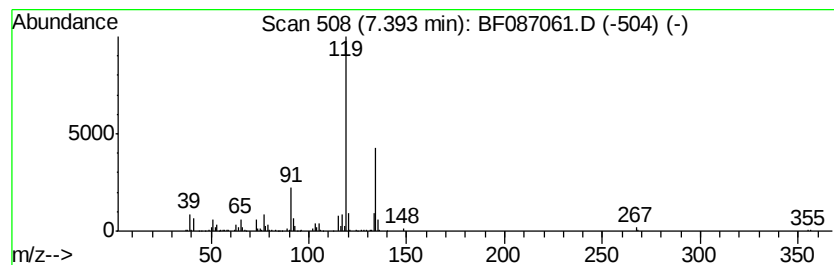
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	4.83 ng	324702	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



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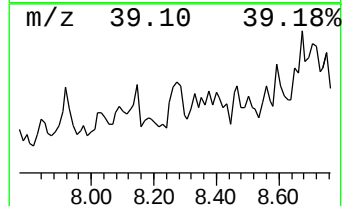
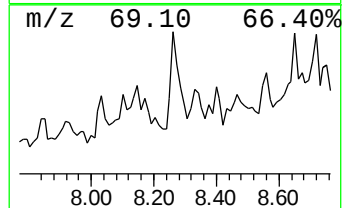
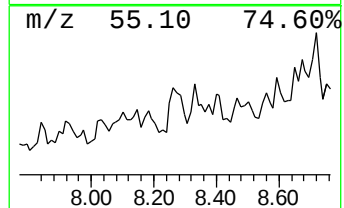
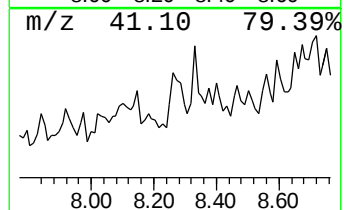
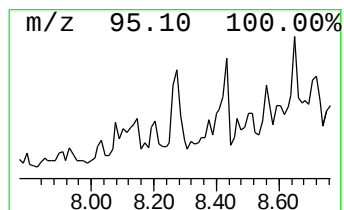
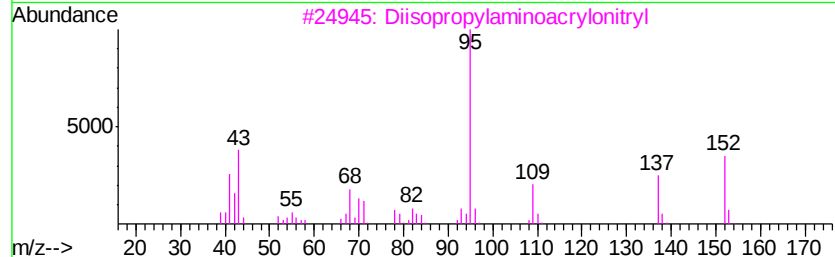
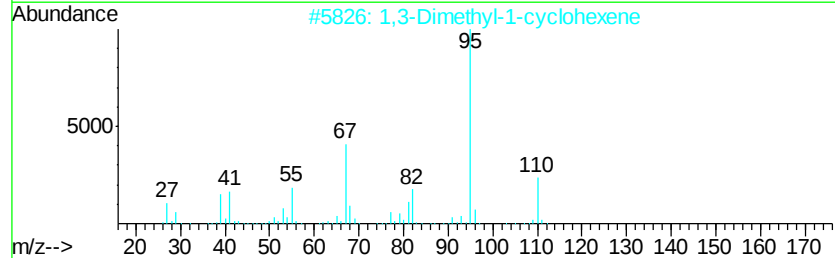
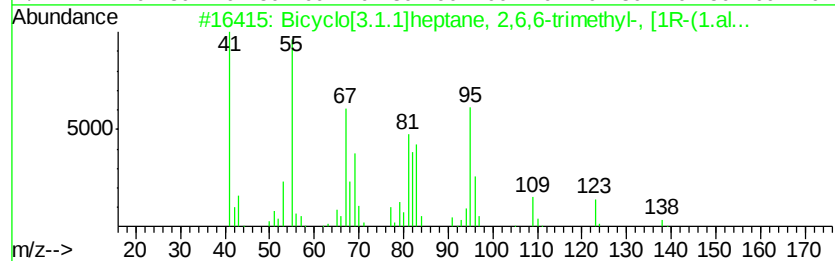
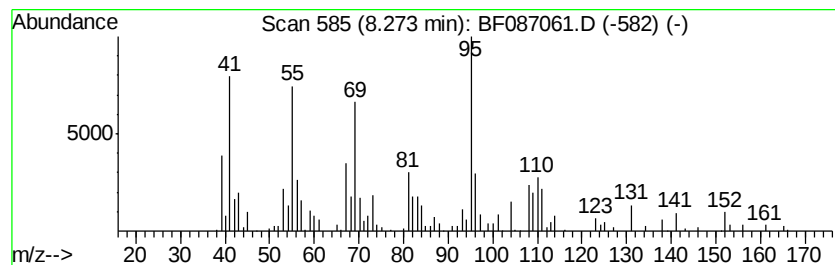
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 unknown8.27 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	4.84 ng	325021	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	43
2		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43
3		Diisopropylaminoacrylonitril	152	C9H16N2	038691-28-0	43
4		Benzene, 1-fluoro-4-nitro-	141	C6H4FN02	000350-46-9	43
5		4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	38



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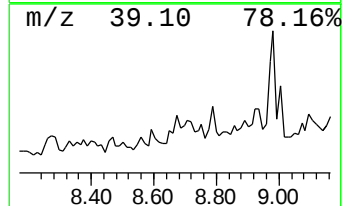
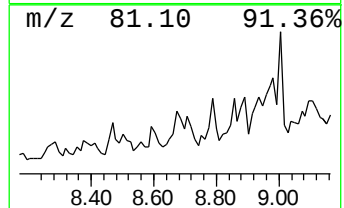
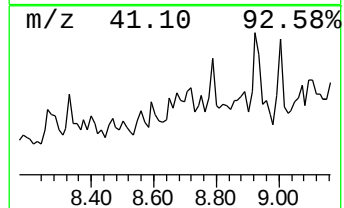
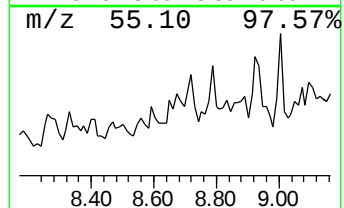
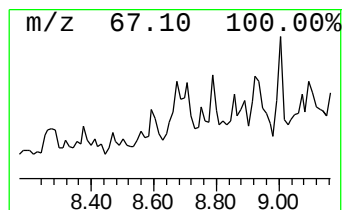
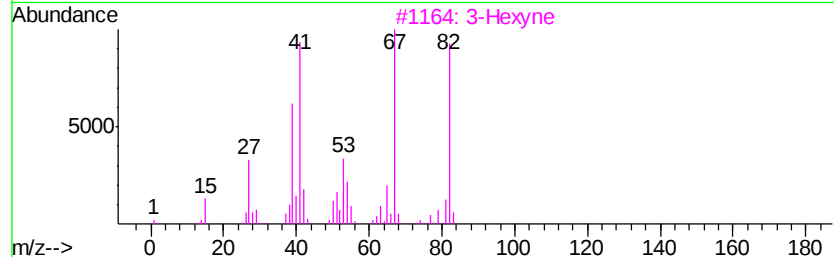
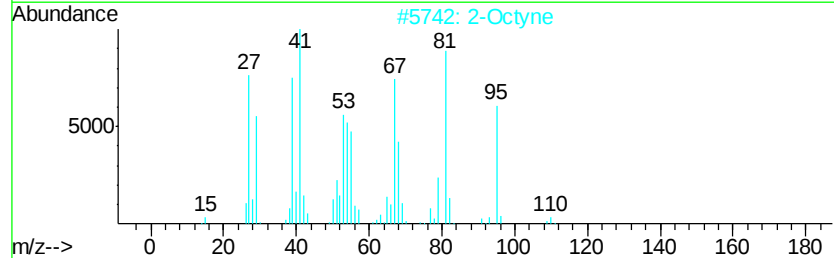
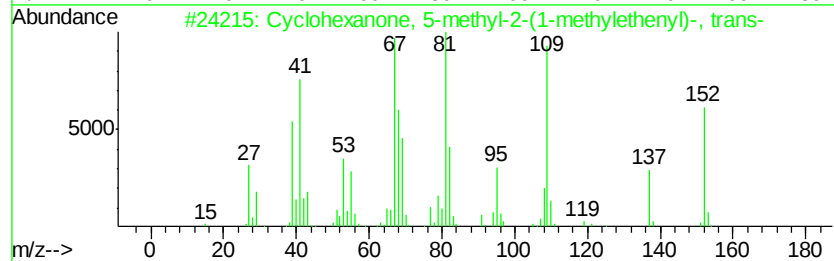
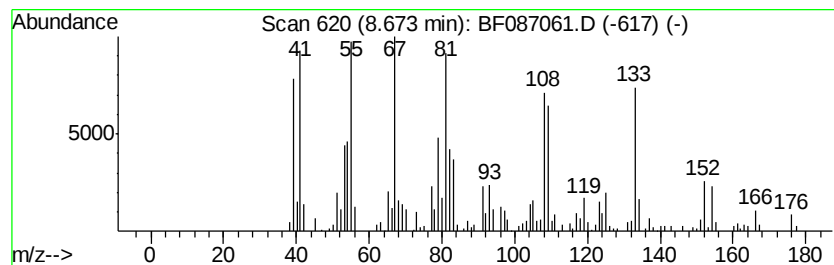
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexanone, 5-methyl-2-(... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	4.95 ng	332414	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	81
2		2-Octyne	110	C8H14	002809-67-8	70
3		3-Hexyne	82	C6H10	000928-49-4	58
4		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	58
5		1,3-Butadiene, 2-(bromomethyl)-3...	160	C6H9Br	074793-41-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-08

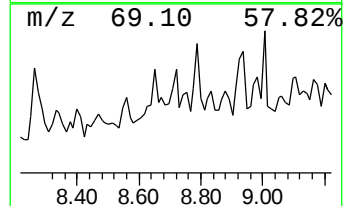
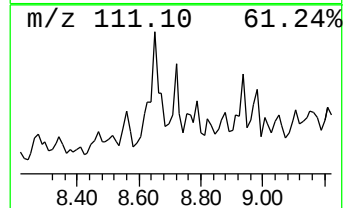
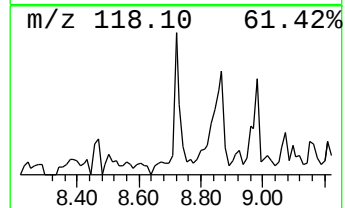
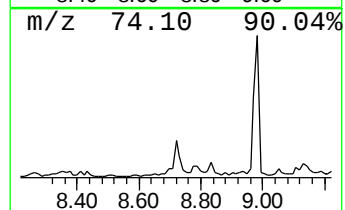
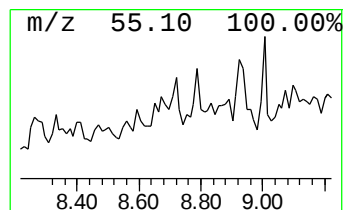
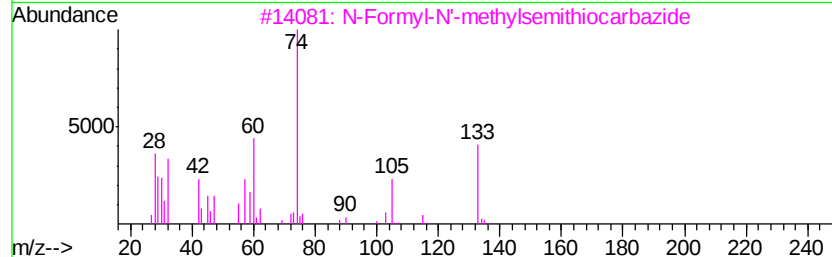
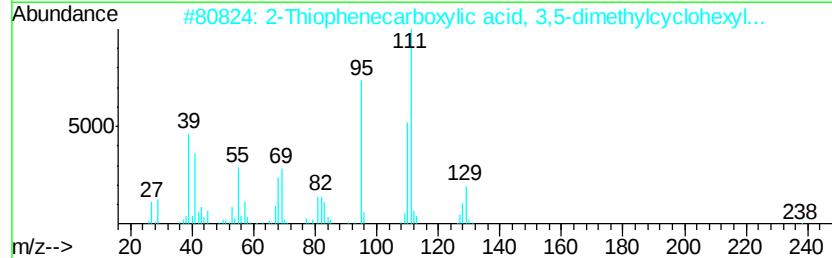
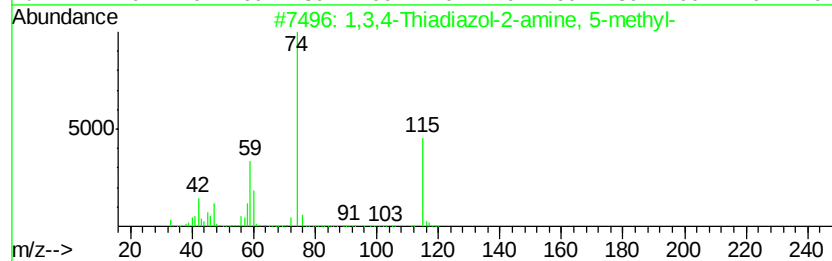
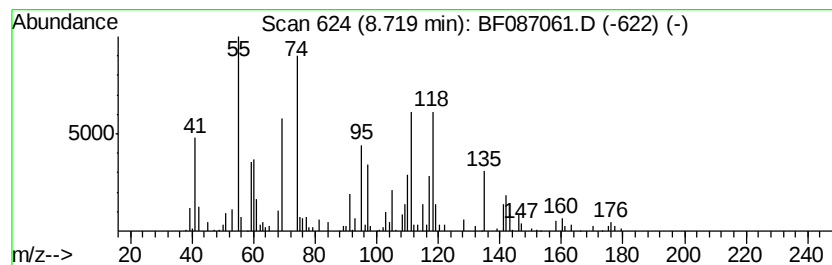
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown8.72 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	5.48 ng	367870	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	22
2		2-Thiophenecarboxylic acid, 3,5-...	238	C13H18O2S	1000278-87-5	14
3		N-Formyl-N'-methylsemithiocarbazide	133	C3H7N3OS	058064-52-1	12
4		1,2-Dimethyl-4-heptafluorobutyry...	324	C12H15F7O2	1000216-64-4	10
5		2-Methoxybenzoic acid, 3-phenylp...	270	C17H18O3	150272-47-2	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
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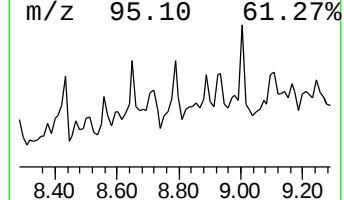
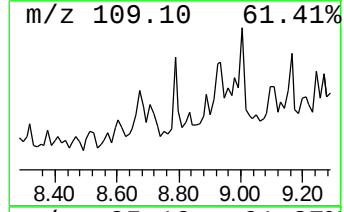
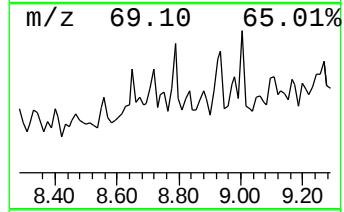
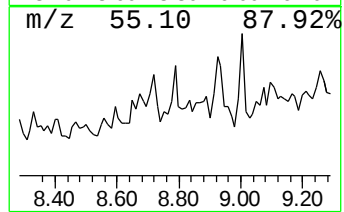
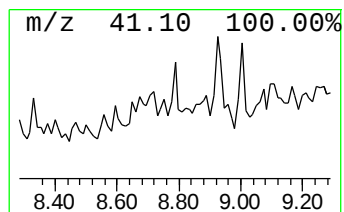
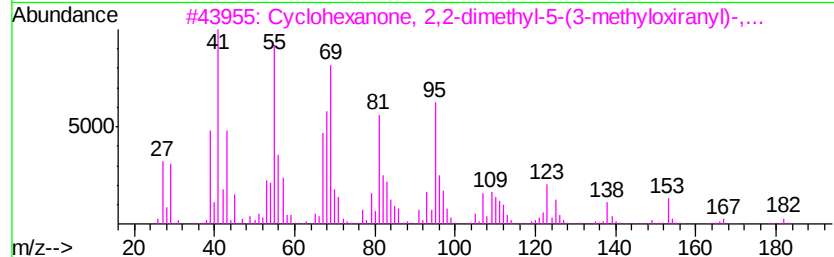
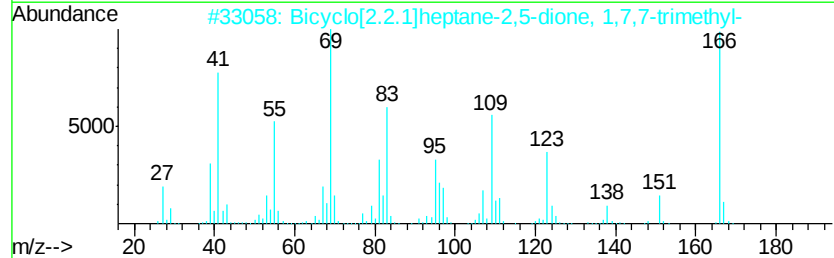
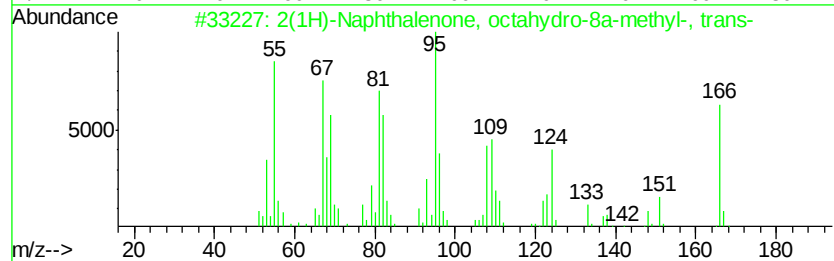
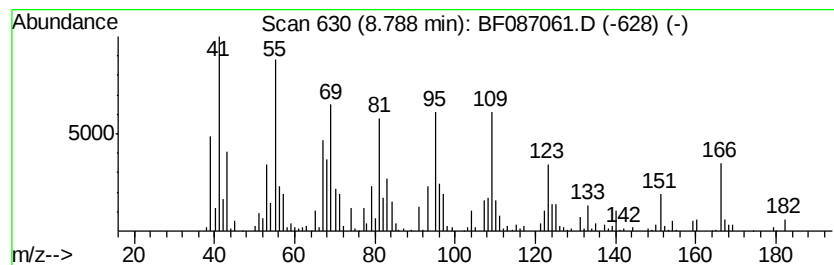
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 2(1H)-Naphthalenone, octahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	5.14 ng	295010	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	64
2		Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	53
3		Cyclohexanone, 2,2-dimethyl-5-(3...	182	C11H18O2	141033-65-0	49
4		2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	002530-17-8	46
5		cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

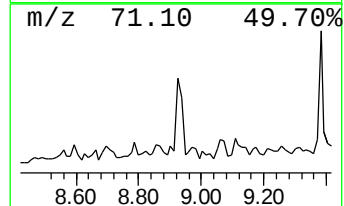
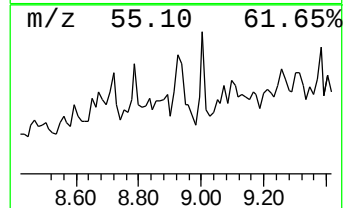
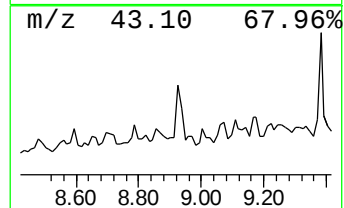
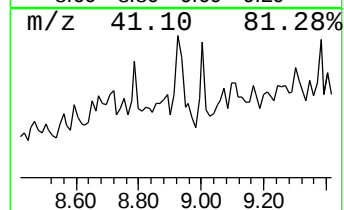
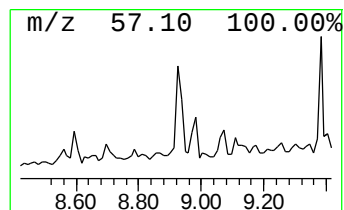
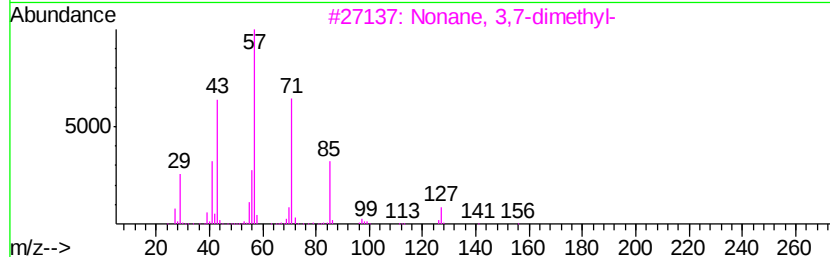
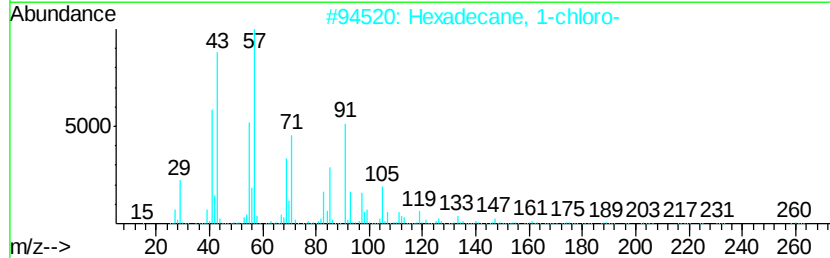
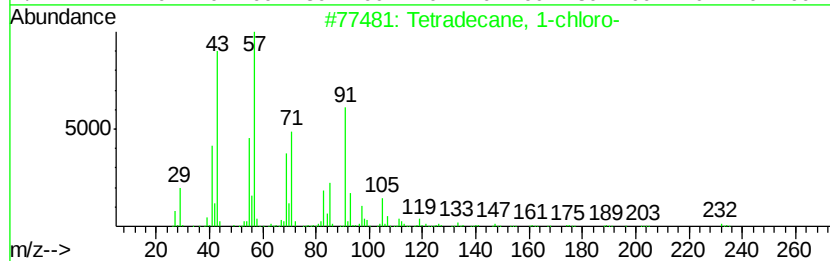
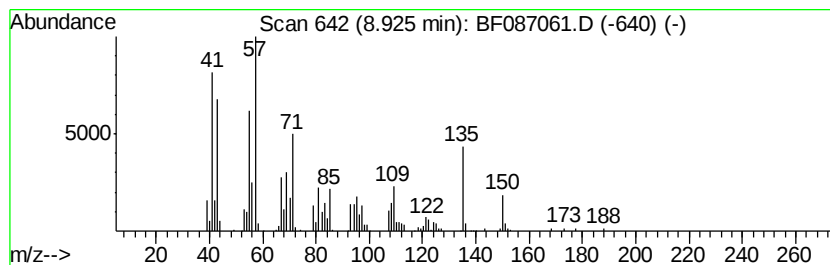
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown8.92 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.92	7.82 ng	449273	Acenaphthene-d10	9.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	27
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	22
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	22
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	22
5	1,6-Nonadien-3-ol, 3,7-dimethyl-	168	C11H20O	010339-55-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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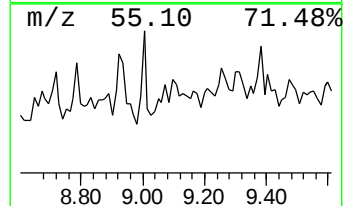
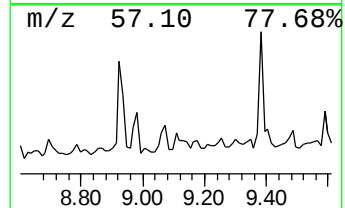
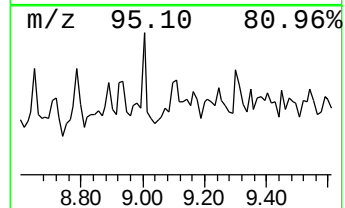
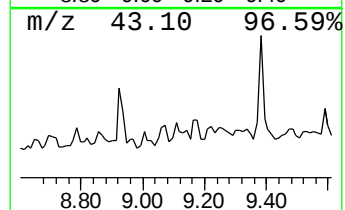
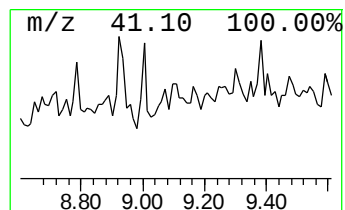
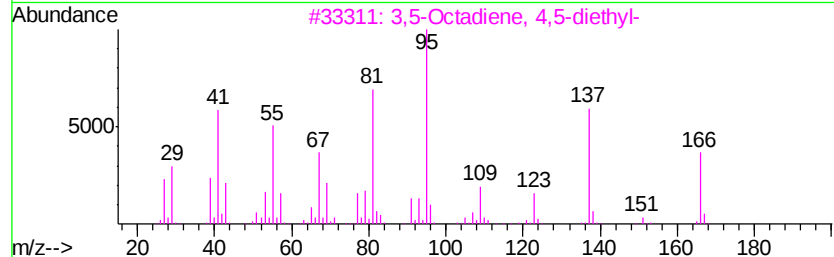
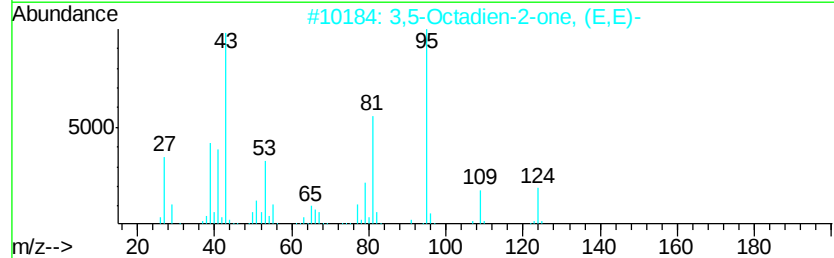
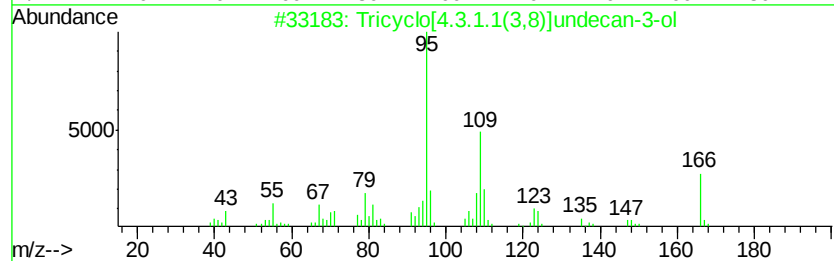
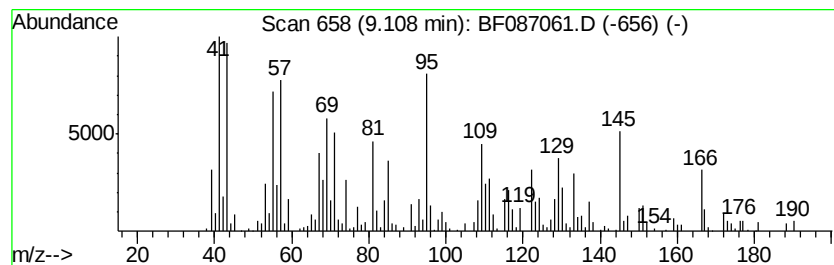
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown9.11 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	5.17 ng	296805	Acenaphthene-d10	9.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	46
2			3,5-Octadien-2-one, (E,E)-	124	C8H12O	030086-02-3	35
3			3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	25
4			Bicyclo[3.3.1]non-3-ene-2,6-dione	150	C9H10O2	155137-46-5	22
5			Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
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ClientSampled :
MW-08

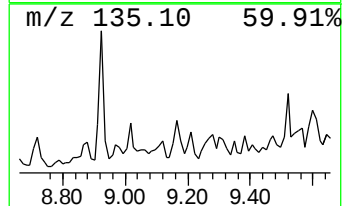
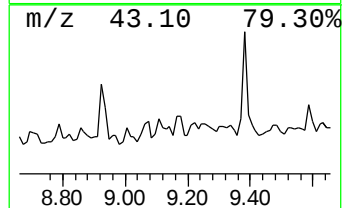
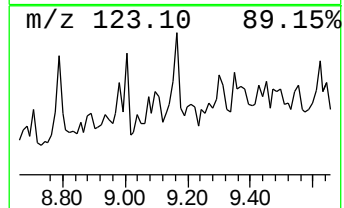
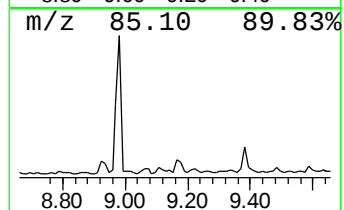
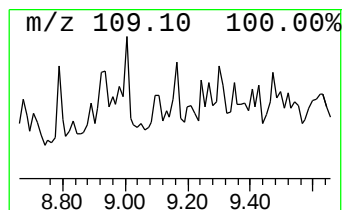
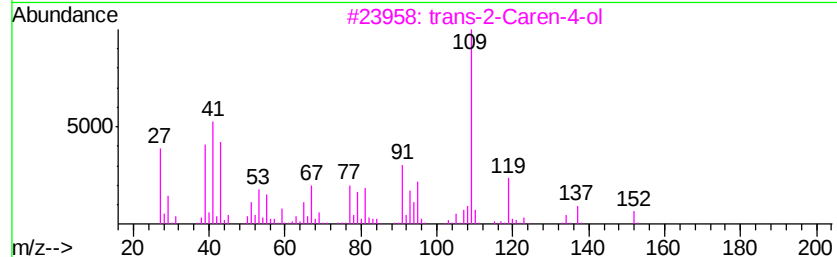
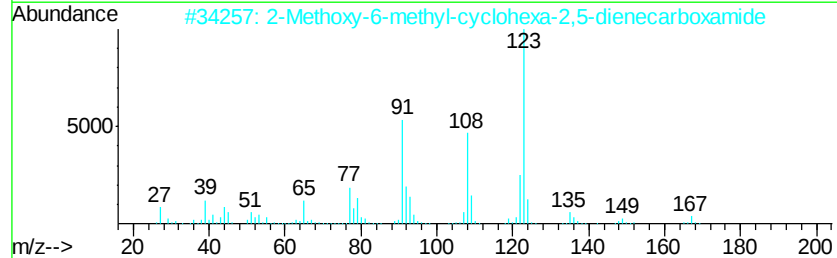
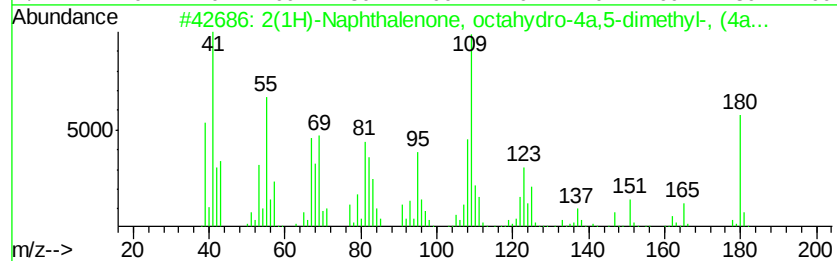
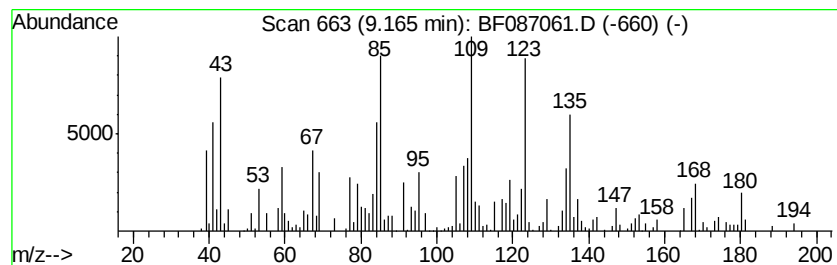
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown9.16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	4.41 ng	253018	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Naphthalenone, octahydro-4...	180	C12H20O	051557-64-3	20
2		2-Methoxy-6-methyl-cyclohexa-2,5...	167	C9H13NO2	1000189-91-0	15
3		trans-2-Caren-4-ol	152	C10H16O	004017-82-7	15
4		Bicyclo[3.1.1]hept-3-en-2-ol, 4,...	152	C10H16O	000473-67-6	14
5		3-(4-Fluorophenyl)propionic acid	168	C9H9FO2	000459-31-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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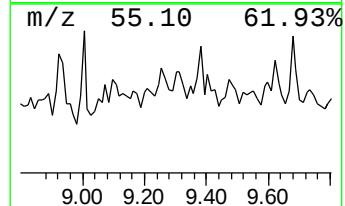
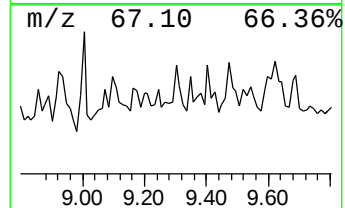
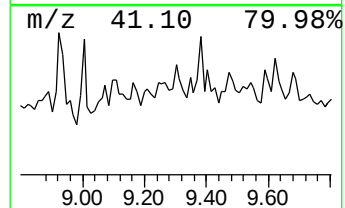
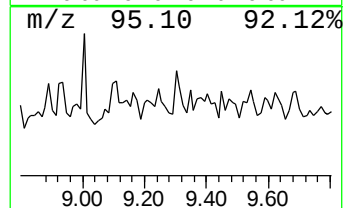
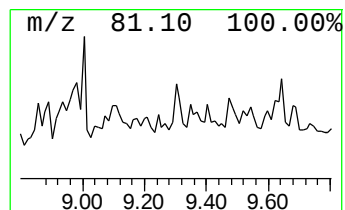
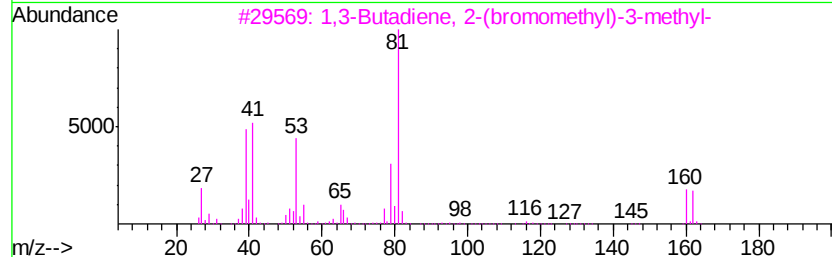
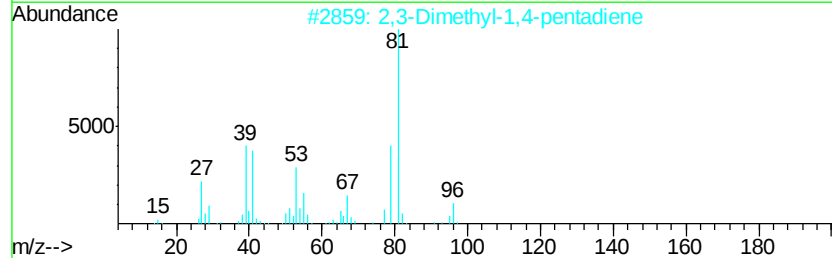
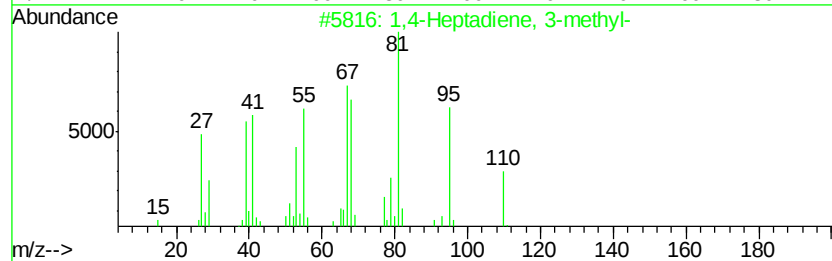
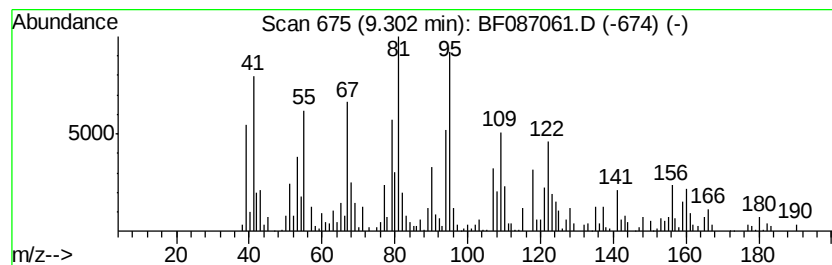
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown9.30 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.30	5.73 ng	328856	Acenaphthene-d10		9.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Heptadiene, 3-methyl-	110	C8H14	001603-01-6	43
2	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	38
3	1,3-Butadiene, 2-(bromomethyl)-3...	160	C6H9Br	074793-41-2	38
4	Furan, 2-(methoxymethyl)-	112	C6H8O2	013679-46-4	38
5	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

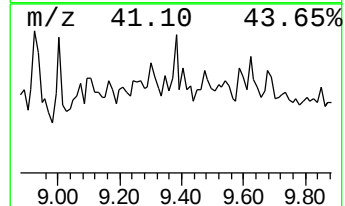
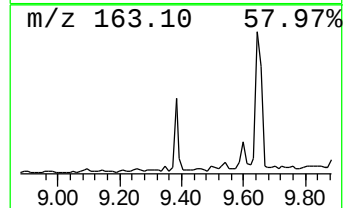
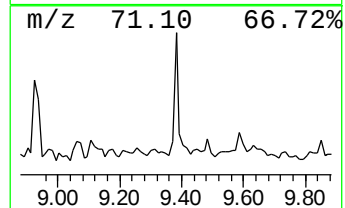
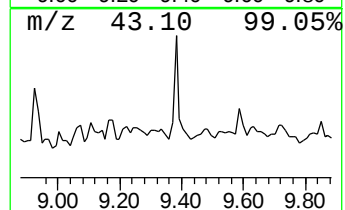
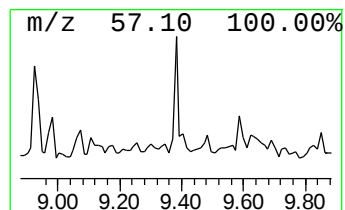
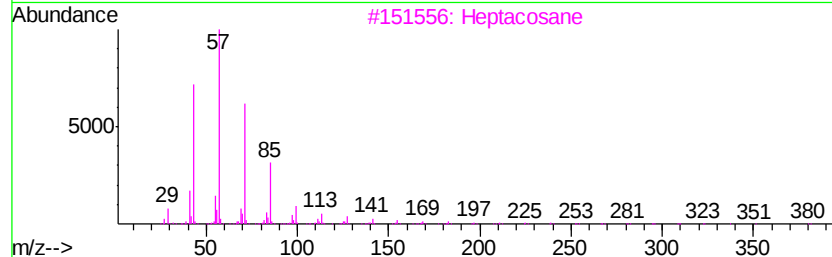
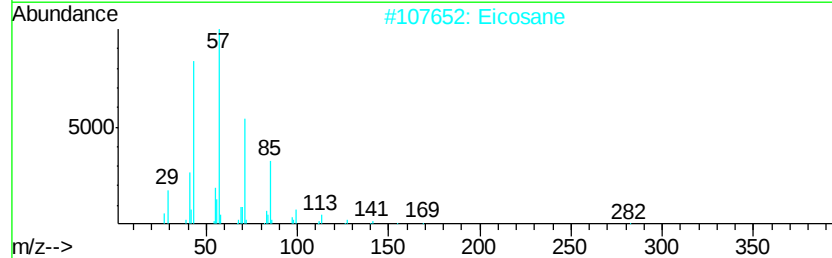
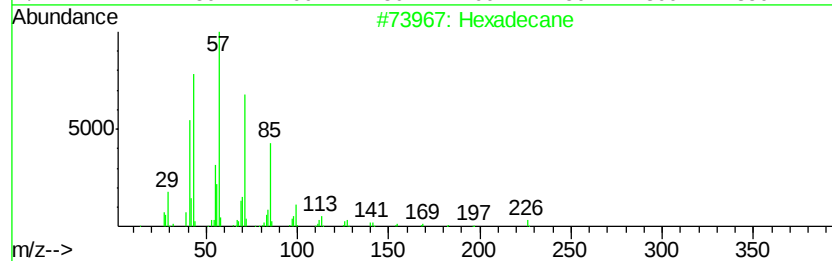
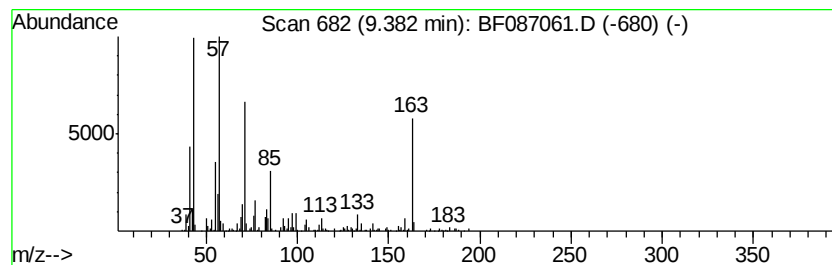
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ClientSampleId :
MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown9.38 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	5.36 ng	307796	Acenaphthene-d10	9.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	49
2	Eicosane	282 C20H42	000112-95-8	49
3	Heptacosane	380 C27H56	000593-49-7	49
4	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	46
5	Tetradecane	198 C14H30	000629-59-4	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-08

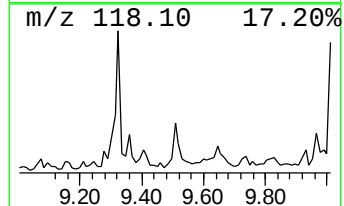
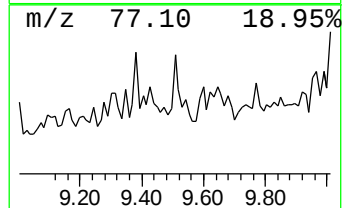
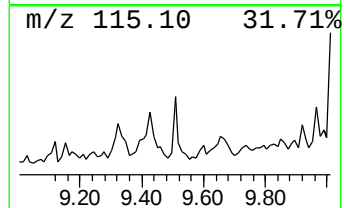
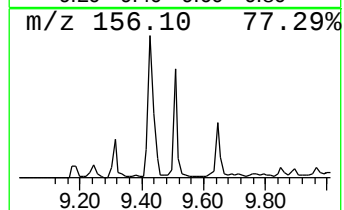
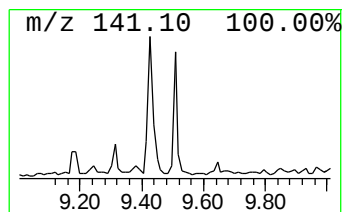
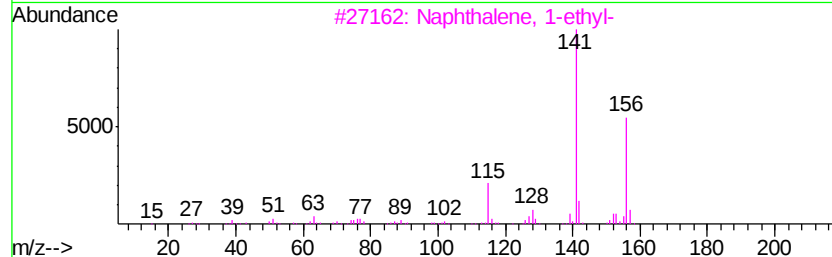
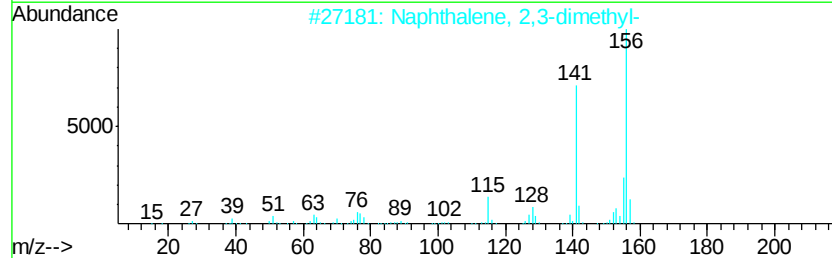
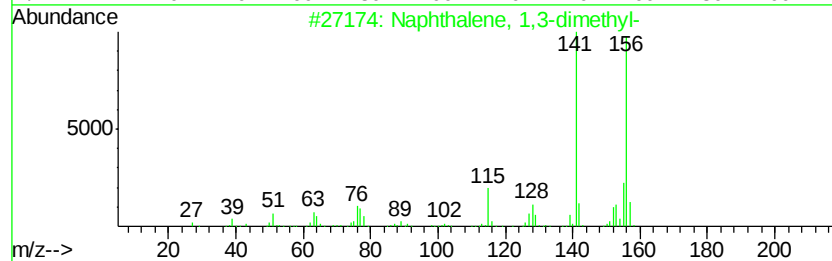
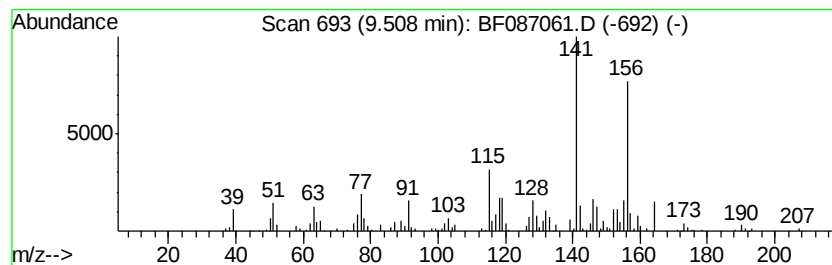
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	8.60 ng	493793	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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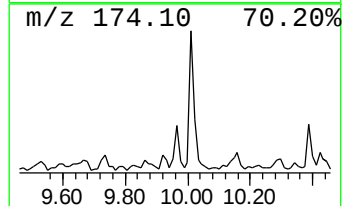
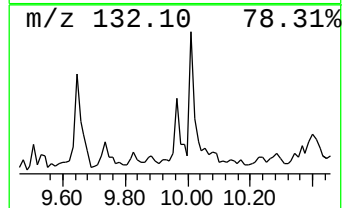
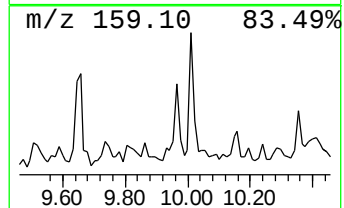
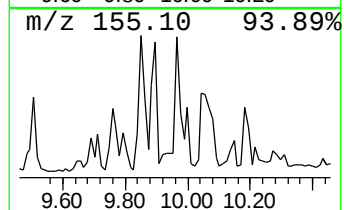
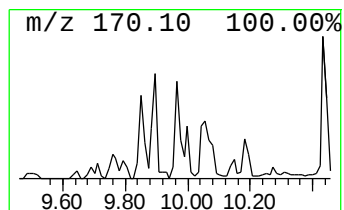
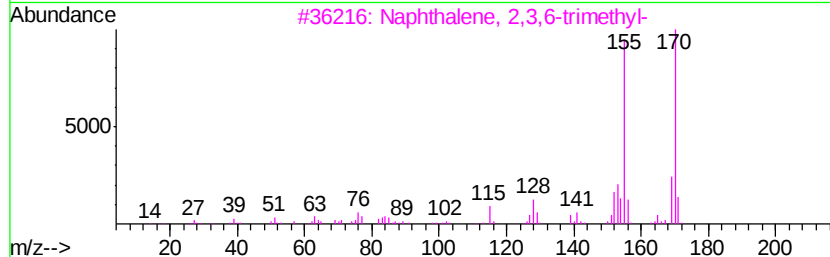
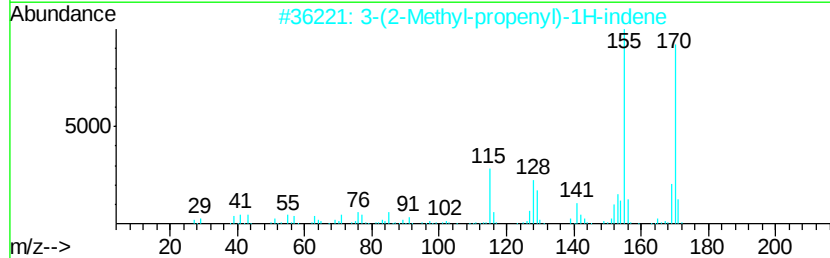
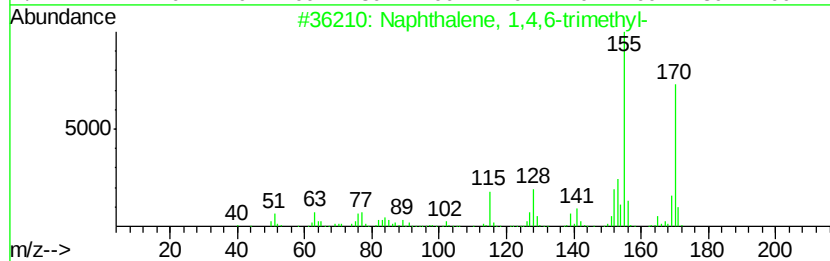
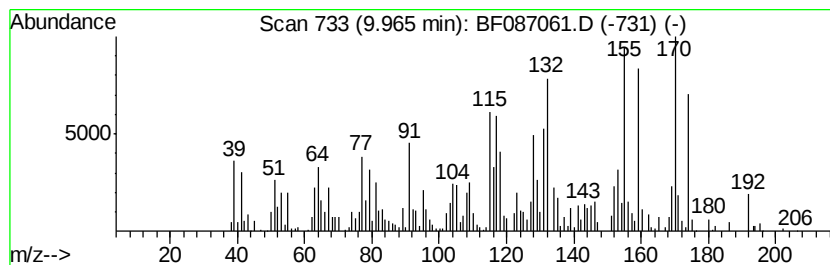
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.19 ng	298010	Acenaphthene-d10	9.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	53
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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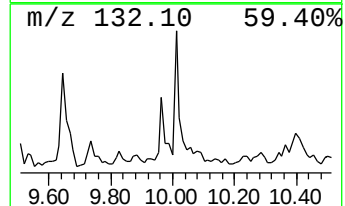
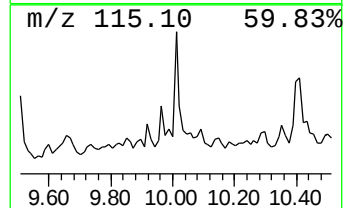
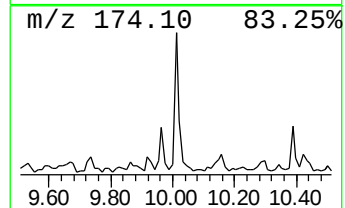
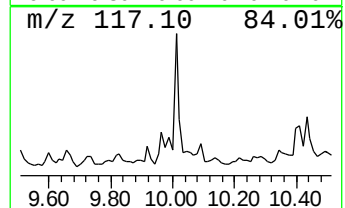
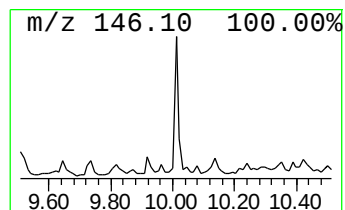
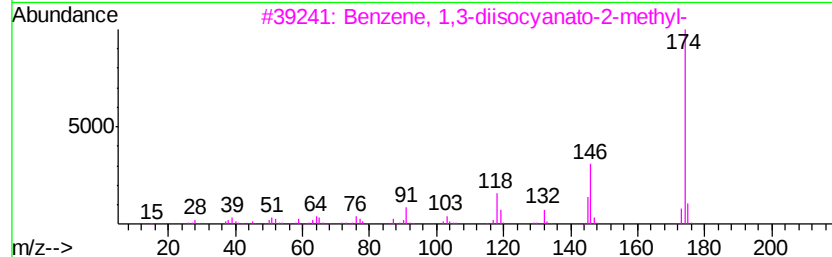
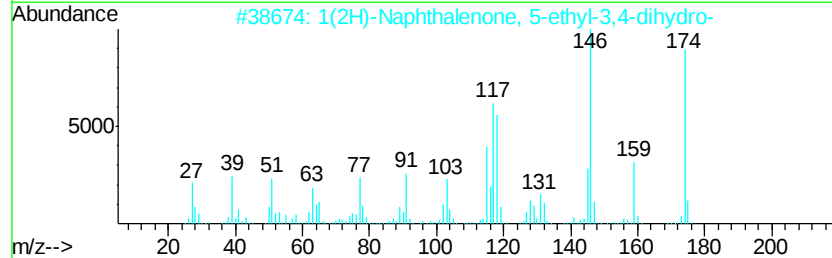
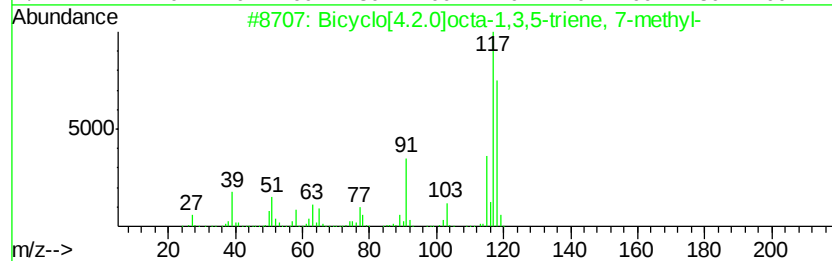
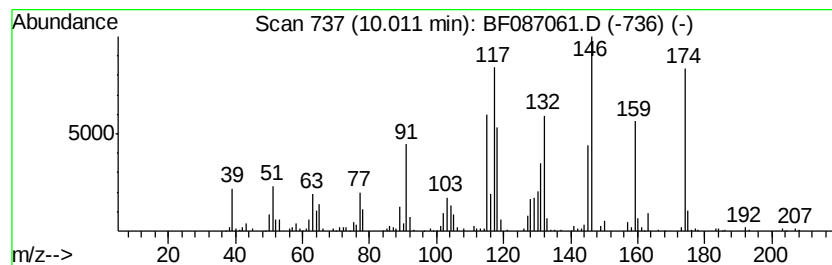
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	8.45 ng	485034	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	90
2		1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	68
3		Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	55
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	53
5		1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
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Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

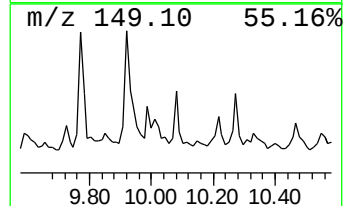
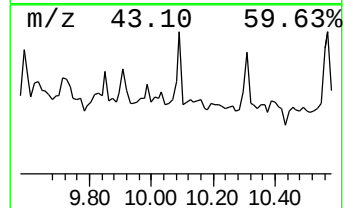
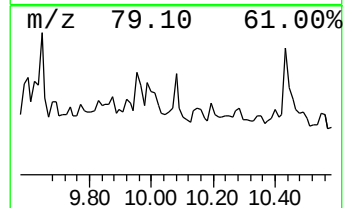
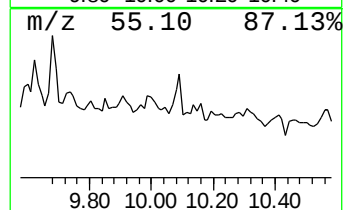
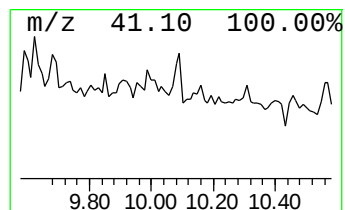
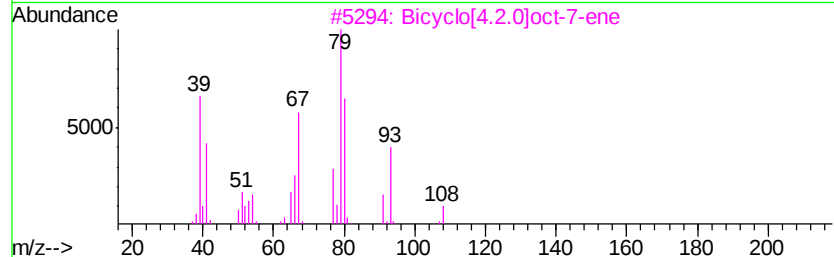
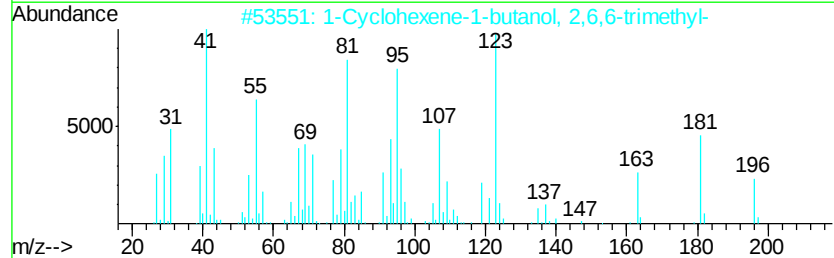
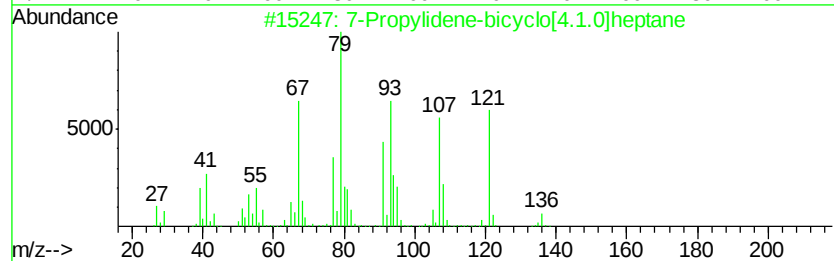
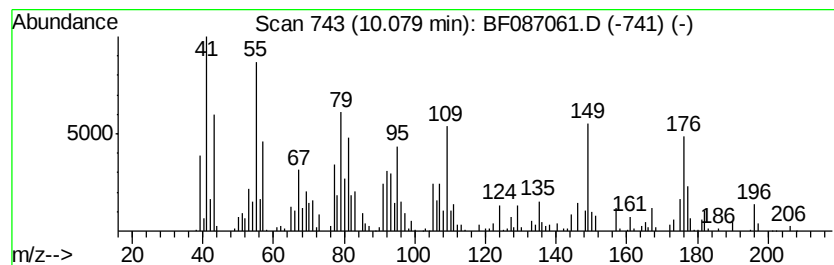
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown10.08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	5.98 ng	343568	Acenaphthene-d10	9.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	7-Propylidene-bicyclo[4.1.0]heptane	136 C10H16	082253-09-6	25
2	1-Cyclohexene-1-butanol, 2,6,6-t...	196 C13H24O	054344-91-1	25
3	Bicyclo[4.2.0]oct-7-ene	108 C8H12	000616-10-4	25
4	4,7-Methano-5H-inden-5-one, octa...	150 C10H14O	013380-94-4	15
5	1,4-Cyclooctadiene	108 C8H12	001073-07-0	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
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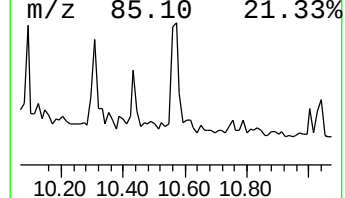
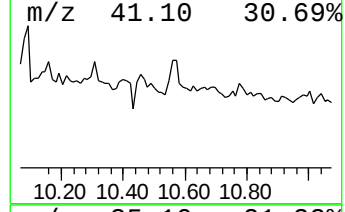
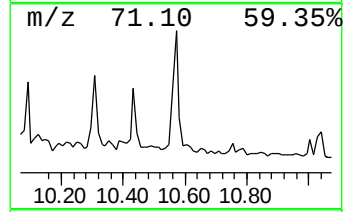
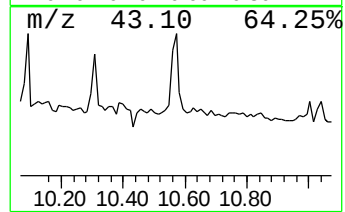
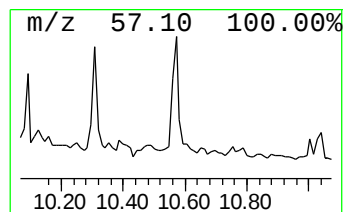
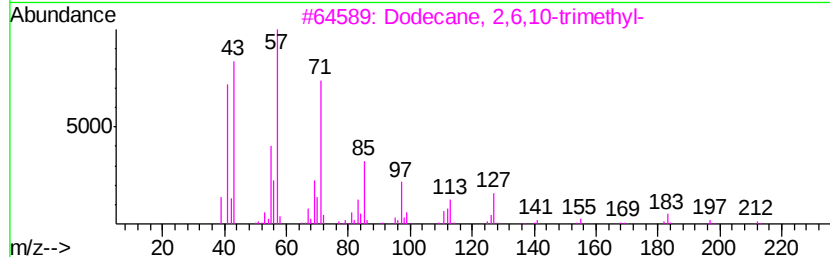
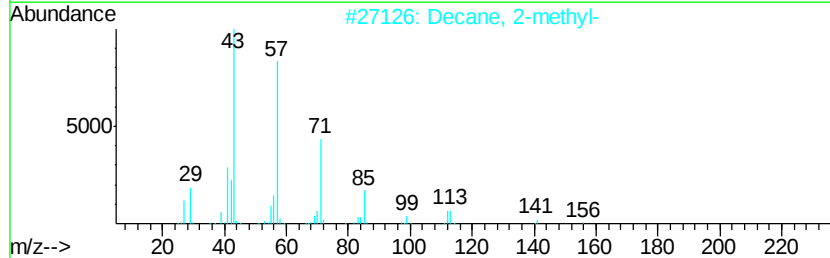
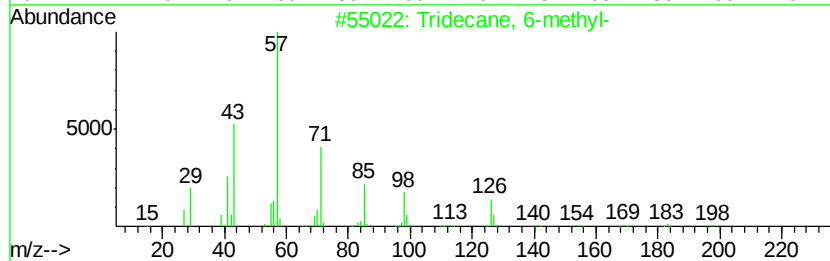
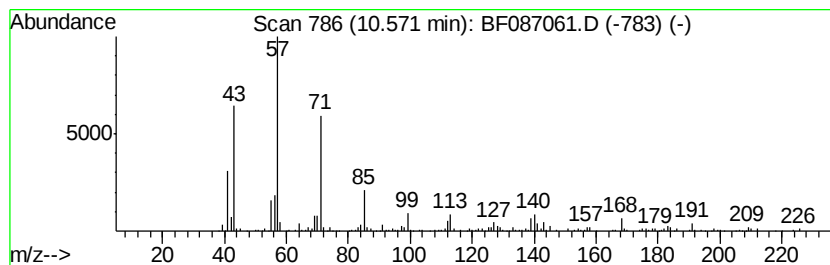
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.57	6.88 ng	303058	Phenanthrene-d10		11.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
2			Decane, 2-methyl-	156	C11H24	006975-98-0	74
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
4			Hexadecane	226	C16H34	000544-76-3	72
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087061.D
Acq On : 15 May 2016 11:07
Operator : UM/SJ
Sample : H3052-12
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-08

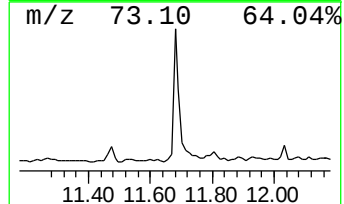
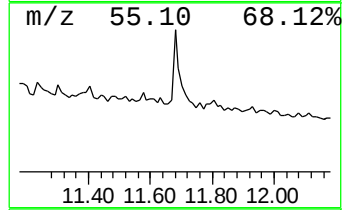
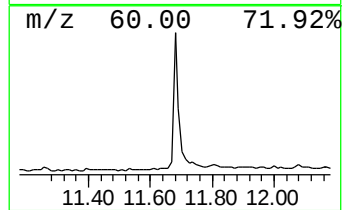
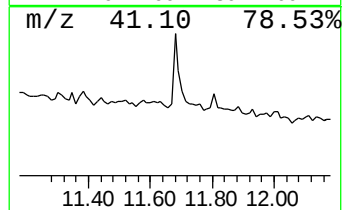
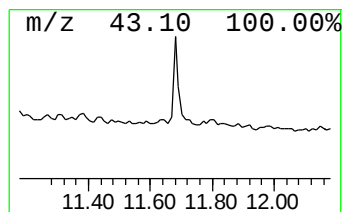
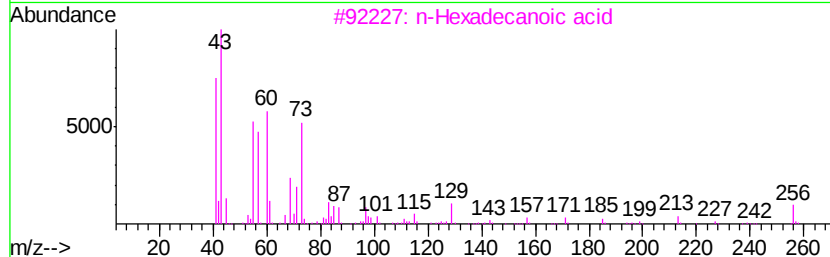
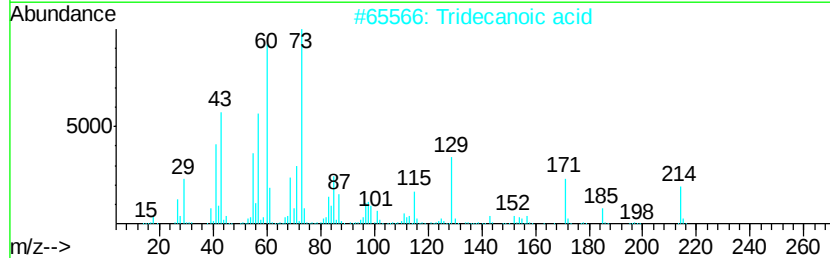
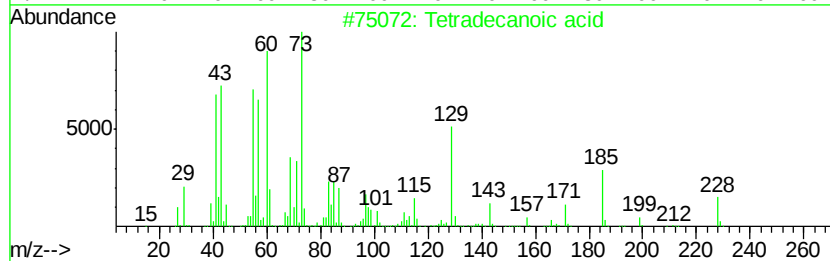
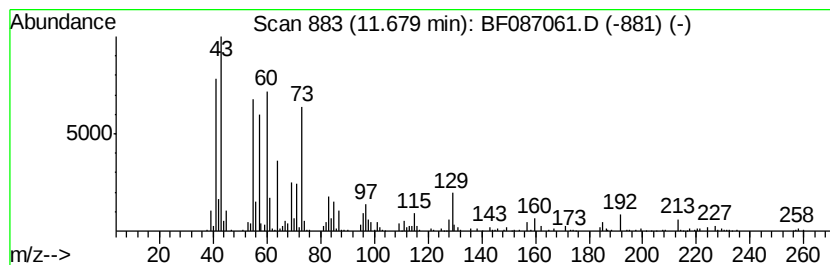
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	7.66 ng	337380	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087061.D
 Acq On : 15 May 2016 11:07
 Operator : UM/SJ
 Sample : H3052-12
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.74	7.0	ng	322516	1	6.60	918033	20.0
unknown6.39	6.39	63.9	ng	2932630	1	6.60	918033	20.0
Benzene, 1,2,4,5-...	7.39	4.8	ng	324702	2	7.90	1343630	20.0
unknown8.27	8.27	4.8	ng	325021	2	7.90	1343630	20.0
Cyclohexanone, 5-...	8.67	5.0	ng	332414	2	7.90	1343630	20.0
unknown8.72	8.72	5.5	ng	367870	2	7.90	1343630	20.0
2(1H)-Naphthaleno...	8.79	5.1	ng	295010	3	9.64	1148470	20.0
unknown8.92	8.92	7.8	ng	449273	3	9.64	1148470	20.0
unknown9.11	9.11	5.2	ng	296805	3	9.64	1148470	20.0
unknown9.16	9.16	4.4	ng	253018	3	9.64	1148470	20.0
unknown9.30	9.30	5.7	ng	328856	3	9.64	1148470	20.0
unknown9.38	9.38	5.4	ng	307796	3	9.64	1148470	20.0
Naphthalene, 1,3-...	9.51	8.6	ng	493793	3	9.64	1148470	20.0
Naphthalene, 1,4,...	9.96	5.2	ng	298010	3	9.64	1148470	20.0
Bicyclo[4.2.0]oct...	10.01	8.4	ng	485034	3	9.64	1148470	20.0
unknown10.08	10.08	6.0	ng	343568	3	9.64	1148470	20.0
Tridecane, 6-methyl-	10.57	6.9	ng	303058	4	11.13	881226	20.0
Tetradecanoic acid	11.68	7.7	ng	337380	4	11.13	881226	20.0